

1. (original) A door lock control system, comprising:

a door mounted in a door frame;  
a door lock associated with the door to lock and unlock the door;  
control means to lock and unlock the door lock; and,  
a vibration sensor associated with the control means, the control means causing the door lock to be unlocked when a vibration above a certain level is sensed by the vibration sensor.

2. (original) The door lock control system of claim 1, and further comprising:

the door lock is a magnetic lock.

3. (original) The door lock control system of claim 1, and further comprising:

the vibration sensed by the vibration sensor is an earthquake or a bomb explosion.

4. (currently amended) The door lock control system of claim 1, and further comprising:

the vibration sensor includes a permanent magnet connected to a pendulum, as magnetic contact positioned near the permanent magnet, and a relay switch.

5. (original) The door lock control system of claim 1, and further comprising:

the control means to lock and unlock the door lock further comprises:

a low voltage DC power source;

a backup battery;

a relay switch; and,

the vibration sensor.

6. (currently amended) The door lock control system of claim 5, and further comprising:

the low voltage DC power source, the backup battery, the relay switch and the vibration sensor are all contained within a control box.

7. (currently amended) The door lock control system of claim 6, and further comprising:

the control box is mounted at a location remote from non-threatening vibrations caused by movement of the door.

8. (original) The door lock control system of claim 6, and further comprising:

the control box is mounted to a rigid wall or column remote from the door.

9. (withdrawn) A method of controlling a lock on a door, comprising the steps of:

maintaining a door in a locked state;

monitoring for vibrations near the door;

determining if the monitored vibration is above a certain level; and,

unlocking the door if the vibration is above the certain level.

10. (currently amended/withdrawn) The method of controlling a lock on a door of claim 9, and further comprising the step of:

the step of monitoring for vibrations includes monitoring for an earthquake or a bomb explosion.

11. (currently amended/withdrawn) The method of controlling a lock on a door of claim 9, and further comprising the step of:

the step of determining if the monitored vibration is above a certain level includes the step of determining if the vibration is above 0.1 g.

12. (withdrawn) A control box, comprising:

a box;

a door hinged to the box;

a DC power supply mounted in the box;

a backup battery mounted in the box;

a terminal and fuse board mounted in the box; and,

a vibration sensor mounted in the box.

13. (withdrawn) The control box of claim 12, and further comprising:

the DC power supply is a low voltage power supply.

14-24. (canceled)

25. (previously presented) The door lock control system of claim 1, further comprising:

a means for delaying the unlocking of a door by a predetermined time, wherein the vibration sensor detects the vibration above the certain level, the control means unlocks the door and overrides the means for delaying the unlocking of the door.